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The Influence of Defects on the Electron-Transfer and Magnetic Properties of $\text{RbxMn}[\text{Fe}(\text{CN})_6] \cdot z\text{H}_2\text{O}$

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Supporting Information

The influence of defects on the electron transfer and magnetic properties of $\text{Rb}_x\text{Mn}[\text{Fe}(\text{CN})_6]_y \cdot z\text{H}_2\text{O}$

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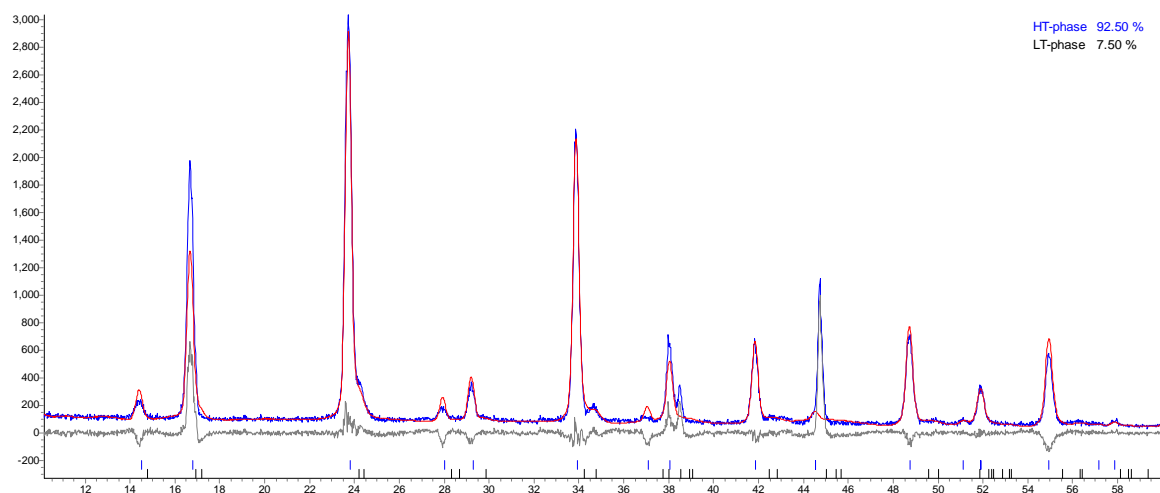


Figure S1.(a) Measured (blue), calculated (red, HT 92.5%, LT 7.5%) and difference curves (grey) for the X-ray powder diagram for $\text{Rb}_{0.59}\text{Mn}[\text{Fe}(\text{CN})_6]_{0.86} \cdot 2.63\text{H}_2\text{O}$ (sample 1)

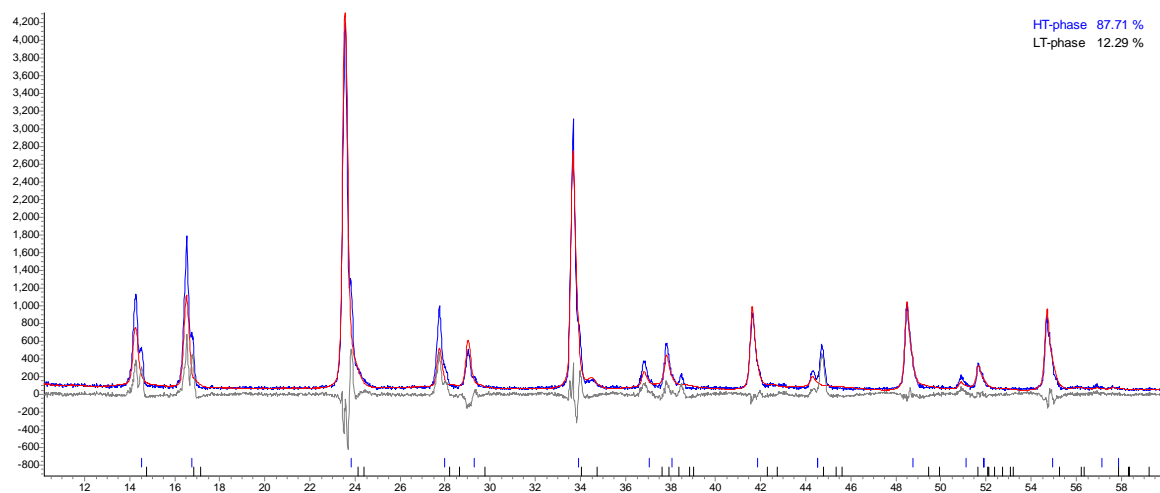


Figure S1 (b) Measured (blue), calculated (red, HT 87.7%, LT 12.3%) and difference curves (grey) for the X-ray powder diagram for $\text{Rb}_{0.92}\text{Mn}[\text{Fe}(\text{CN})_6]_{0.95} \cdot 1.03\text{H}_2\text{O}$ (sample 2)

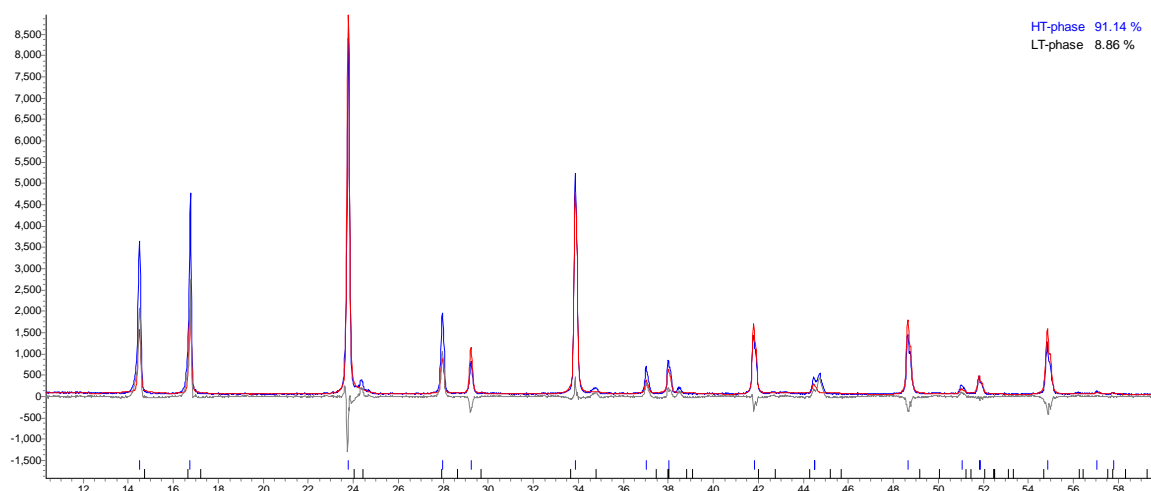


Figure S1 (c) Measured (blue), calculated (red, HT 91.15%, LT 8.9%) and difference curves (grey) for the X-ray powder diagram for $\text{Rb}_{0.97}\text{Mn}[\text{Fe}(\text{CN})_6]_{0.98} \cdot 1.03\text{H}_2\text{O}$ (sample 3)

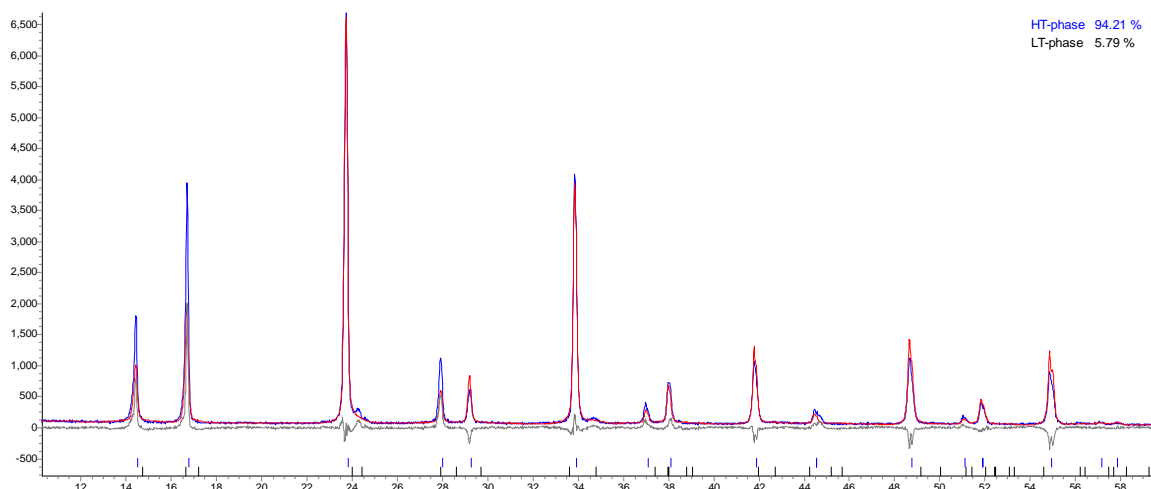


Figure S1 (d) Measured (blue), calculated (red, HT 94.25%, LT 5.8%) and difference curves (grey) for the X-ray powder diagram for $\text{Rb}_{0.81}\text{Mn}[\text{Fe}(\text{CN})_6]_{0.95} \cdot 1.24\text{H}_2\text{O}$ (sample 4)